

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 82.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027271**Date Inspected:** 02-Mar-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Westmont Industries**Location:** Santa Fe Springs. Ca

<b>CWI Name:</b>	Chris Concha		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No
<b>Rod Oven in Use:</b>	Yes	No N/A
<b>Weld Procedures Followed:</b>	Yes	No N/A
<b>Verified Joint Fit-up:</b>	Yes	No N/A
<b>Approved WPS:</b>	Yes	No N/A
<b>Delayed / Cancelled:</b>	Yes	No N/A

**Bridge No:** 34-0006**Component:** SAS Travelers**Summary of Items Observed:**

Quality Assurance Inspector (QA) Douglas Frey was at the Westmont Industries (WMI) job site in Santa Fe Springs, California between the times noted above in order to monitor fabrication and the Quality Control functions for the SAS Superstructure, Bid Item #99, Maintenance Traveler and Bid Item #100, Maintenance Traveler (Bike Path). The following items were observed:

**QC NDT**

This QA Inspector randomly observed QC Inspector Fidel Gonzales Perform Magnetic Particle Testing (MT) on the traveler brake modification link plate assemblies (CCO232) for a total of thirty (30) pieces. This QA Inspector noted that Mr. Gonzales found no rejectable indications and the work appeared to be in general conformance with the contract documents.

**QA NDT**

This QA Inspector performed a Magnetic Particle (MT) Inspection on the parts listed below. This QA Inspector performed the yoke method in conformance with ASTM E 709 and the standard of acceptance with D1.1 section 6.26. This QA Inspector noted that no rejectable indications were found at the time of testing. This QA Inspector generated a TL-6028 MT report on this date. The completed work at this location appeared to be in general conformance with the contract specifications.

Qty. (8) – A622 Weld ID #1-4 Tether Link

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## WELDING INSPECTION REPORT

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Qty. (8) – C623 Weld ID #1-2 Connection Link  
Qty. (8) – A620 Weld ID #1-4 Tether Anchor Assy.  
Qty. (2) – K919 Weld ID #A628-A639 Pipe Bracket  
Qty. (2) – E919 Weld ID #FA235-FA248 Pipe Bracket

Qty. (8) – B722 2A – CC0232 Traveler Brake Modification Link Plate Assy.  
Qty. (8) – B722 2B – CC0232 Traveler Brake Modification Link Plate Assy.  
Qty. (7) – B722 3B - CC0232 Traveler Brake Modification Link Plate Assy.  
Qty. (7) – B722 3A - CC0232 Traveler Brake Modification Link Plate Assy.

### Parking Tethers

This QA Inspector reviewed the contractor's shipping list and made random observations of the parking tethers as they were presented. This QA Inspector noted that the material and documentation appeared to be in general compliance with the contract requirements. This QA Inspector issued a green tag with Caltrans QA lot number B335-001-12 for bid item #99 Maintenance Travelers. This QA Inspector generated a TL-6011 CMI report on this date.



### Summary of Conversations:

The were no pertinent conversations to report.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910 , who represents the Office of Structural Materials for your project.

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**Inspected By:** Frey,Doug

Quality Assurance Inspector

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**Reviewed By:** Levell,Bill

QA Reviewer